We claim:

1. A golf club comprising:

a head having a heel end, a toe end, and a ball-striking face, wherein the heel end includes a hosel that defines a generally cylindrical cavity;

a hosel plug sized to fit into a lower end of the hosel cavity; and

a shaft having a lower end sized to fit into, and be secured to, the hosel cavity, at a location above the hosel plug;

wherein the hosel plug comprises a mixture of a metallic powder and a compliant polymeric material, in prescribed relative proportions, and wherein the hosel plug is sized to fit snugly into the lower end of the hosel cavity, where it is secured in place by compression of its compliant polymeric material.

2. A golf club as defined in claim 1, wherein:

the metallic powder of the hosel plug comprises tungsten; and

the compliant polymeric material of the hosel plug comprises nylon.

3. A golf club as defined in claim 1, wherein the hosel plug has a substantially cylindrical shape.

4. A golf club as defined in claim 1, wherein:

the hosel cavity includes a lower cylindrical cavity having a first diameter and an upper cylindrical cavity having a second diameter, larger than the first diameter;

the hosel plug has a substantially cylindrical shape sized to fit snugly within the hosel's lower cylindrical cavity; and

the lower end of the shaft has a substantially cylindrical shape sized to fit within the hosel's upper cylindrical cavity.

5. A golf club as defined in claim 4, wherein:

the hosel's lower cylindrical cavity has a diameter about 8.5 mm and a length of about 10 mm; and

the hosel's upper cylindrical cavity has a diameter of about 9 mm and a length of about 25 mm.

6. A golf club as defined in claim 1, wherein the hosel plug has a mass in the range of about 0.5 g to at least about 6.5 g.

7. A golf club as defined in claim 1, wherein the hosel plug has a weight that constitutes between about 0.25 % and at least about 3.25 % of the club head's total weight.

8. A method for making a golf club head having a desired weight, comprising:

forming a non-final golf club head having a heel end, a toe end, and a ball-striking face, wherein the heel end includes a hosel that defines a substantially cylindrical cavity having a lower portion and an upper portion;

providing a plurality of hosel plugs, each comprising a mixture of a metallic powder and a compliant polymeric material, in prescribed relative proportions, wherein the plurality of hosel plugs all have substantially the same size and shape and each are dimensioned to fit snugly into the lower portion of the substantially cylindrical cavity of the hosel, where it is secured in place by compression of its compliant polymeric material, and wherein the plurality of hosel plugs together have a range of weights;

selecting a particular one of the plurality of hosel plugs having a weight that will combine with the non-final golf club head to provide a desired total weight; and

installing the selected hosel plug into the lower portion of the substantially cylindrical cavity of the hosel, to produce a final golf club head having the desired weight.

9. A method as defined in claim 8, wherein the plurality of hosel plugs range in mass from about 0.5 g to at least about 6.5 g.

10. A method as defined in claim 8, wherein the plurality of hosel plugs have weights that range from about 0.25 % to at least about 3.25 % of the combined weight of the plug and non-final golf club head.

11. A method as defined in claim 8, wherein:

the lower portion of the cylindrical cavity of the hosel formed in the step of forming has a first diameter and the upper portion of the cylindrical cavity formed in the step of forming has a second diameter, larger than the first diameter; and

the plurality of hosel plugs are each dimensioned to fit snugly within, and to extend over the entire length of, the lower portion of the cylindrical cavity of the hosel.

12. A method as defined in claim 11, wherein the step of forming includes:

configuring the lower portion of the cylindrical cavity to have a diameter about 8.5 mm and a length of about 10 mm; and

configuring the upper portion of the cylindrical cavity to have a diameter of about 9 mm and a length of about 25 mm.

13. A method as defined in claim 8, wherein:

the metallic powder of each of the plurality of hosel plugs provided in the step of providing comprises tungsten; and

the compliant polymeric material of each of the plurality of hosel plugs provided in the step of providing comprises nylon.

14. A method as defined in claim 13, wherein the plurality of hosel plugs comprise tungsten in weight percentages ranging from about 0 % to about 96 %.

15. A method as defined in claim 8, wherein the plurality of hosel plugs all have a substantially cylindrical shape.

16. A golf club comprising:

a head having a heel end, a toe end, and a ball-striking face, wherein the heel end defines a hosel that includes a lower cylindrical cavity having a first diameter and an upper cylindrical cavity having a second diameter, larger than the first diameter;

a substantially cylindrical hosel plug; and

a shaft having a lower end sized to fit into, and be secured to, the upper cylindrical cavity of the hosel, above the hosel plug;

wherein the hosel plug comprises a mixture of a tungsten powder and nylon, in prescribed relative proportions;

wherein the hosel plug is sized to fit snugly into the lower cylindrical cavity of the hosel, where it is secured in place by compression of its compliant polymeric material;

and wherein the hosel plug has a weight that constitutes between about 0.25 % and at least about 3.25 % of the club head's total weight.

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